What is a diamond cup wheel used for?

AI Overview

A diamond cup wheel is a heavy-duty grinding tool with industrial diamond segments attached to a cup-shaped metal body. It is used with angle grinders or dedicated concrete grinders to aggressively grind, level, and smooth hard masonry materials like concrete, granite, marble, and stone. Benchmark Abrasives +5

Common Applications

- **Surface Leveling:** Flattening uneven concrete joints, high spots, or rough form marks.
- **Coating Removal:** Stripping away tough layers like epoxy, paint, glue, thinset, and mastics.
- **Surface Preparation:** Roughening and profiling concrete floors to create a strong mechanical bond for new sealants or coatings.
- **Stone Shaping:** Smoothing and shaping natural stone slabs, edges, or fieldstones. Benchmark Abrasives +6

Common Wheel Designs

- **Single Row:** Features one ring of diamond segments; great for general smoothing and lighter stock removal.
- **Double Row:** Offers two rings of segments for faster, more aggressive material removal and a smoother finish on large areas.
- **Turbo Row:** Features slanted, fan-like segments designed for cool, fast, and smooth grinding with less scratch resistance.